## AMENDMENTS TO THE CLAIMS:

The listing of claims provided herein shall replace all prior versions and listings of the pending claims:

# Listing of Claims:

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Claims 1-20 (canceled)

21. (presently amended) A motor vehicle electrical power system for powering an electrical load external to the vehicle, comprising:

an internal combustion engine;

a battery;

an electric generator coupled to said internal combustion engine for generating AC electrical power when said internal combustion engine is running;

a generator inverter disposed between said electric generator and said battery for converting the AC electrical power generated by said electric generator to DC electrical power for storage in said battery;

an electric traction motor coupled to said battery;

- a traction inverter coupled to said battery for converting the stored DC electrical power to an AC power input for said electric traction motor;
- a switching device disposed between said traction inverter and said electric traction motor for selectively diverting the AC electrical power input for application to the external electrical load;

means for powering the external electrical load only if a safety condition is satisfied; and

control means for prohibiting movement of the vehicle when powering the external electrical load.

- 22. (previously presented) The system according to claim21, wherein said switching device comprises a contactor.
- 23. (previously presented) The system according to claim 21, further comprising:
- a filter coupled to said switching device for minimizing noise in the diverted AC power input; and
- a transformer coupled between said filter and the external electrical load.
- 24. (previously presented) The system according to claim 21, further comprising:
- a DC-to-DC converter coupled between said first electric machine and said first inverter for generating lower voltage DC electrical power from the DC electrical power produced by said first inverter;

an inverter coupled to said DC-to-DC inverter for converting the lower voltage DC electrical power to an AC power output for application to the external electrical load.

- 2625. (presently amended) The system according to claim 24, further comprising a second filter for minimizing noise in the AC power output.
- 2726. (presently amended) The system according to claim 24, wherein:
  - said DC-to-DC converter is a two-way DC-to-DC converter; said inverter comprises a rectifier, and said system is operable in a charger mode..
- 2827. (presently amended) The system according to claim 2726, further comprising means for selecting operation of said system in a generator mode versus the charger mode.

2928. (presently amended) A motor vehicle electrical power generating system for powering an electrical load external to the vehicle, comprising:

an internal combustion engine;

a battery;

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an electric generator coupled to said internal combustion engine for generating AC electrical power when said internal combustion engine is running;

a generator inverter disposed between said electric generator and said battery for converting the AC electrical power generated by said electric generator to DC electrical power;

a DC-to-DC converter coupled between said electric generator and said generator inverter for generating lower voltage DC electrical power from the DC electrical power produced by said generator inverter;

an inverter coupled to said DC-to-DC converter for converting the lower voltage DC electrical power to an AC power output to power the external electrical load;

means for powering the external electrical load only if a safety condition is satisfied; and

control means for prohibiting movement of the vehicle when powering the external electrical load.

- 3029. (presently amended) The system according to claim 2928, further comprising a second filter for minimizing noise in the AC power output.
- 3130. (presently amended) The system according to claim 2928, wherein:

said DC-to-DC converter is a two-way DC-to-DC converter; said inverter comprises a rectifier; and said system is operable in a charger mode.

- 3231. (presently amended) The system according to claim 3130, further comprising means for selecting operation of said system in a generator mode versus the charger mode.
- 3332. (presently amended) The system according to claim 21, wherein said control means inhibits operation of said system based on one or more of a gear selector position, door open/shut condition and parking brake condition.
- 3433. (presently amended) The system according to claim 2928, wherein said control means inhibits operation of said system based on one or more of a gear selector position, door open/shut condition and parking brake condition.
- 3534. (presently amended) A method for operating a hybrid electric vehicle having a battery, inverter and at least one electric motor, the method comprising:

applying DC electrical power stored in the battery to the inverter to generate AC electrical power for the motor;

diverting the AC electrical power to an external load so as to operate the vehicle in a generator mode;

operating the vehicle in the generator mode only if a safety condition is satisfied; and

prohibiting movement of the vehicle when operating the vehicle in the generator mode.

- 3635. (presently amended) The method according to claim 3534, further comprising wherein said operating step comprises the step of inhibiting generator mode operation based on a gear selector position of the vehicle.
- 3736. (presently amended) The method according to claim 3534, wherein said operating step comprises further comprising

the step of inhibiting generator mode operation based on a door open/shut condition of the vehicle.

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- 3837. (presently amended) The method according to claim 3534, wherein said operating step comprises further comprising the step of inhibiting generator mode operation based on a parking brake condition of the vehicle.
- 3938. (presently amended) A method for operating a hybrid electric vehicle having a battery, DC-to-DC converter, at least one electric generator coupled to an internal combustion engine, and a generator inverter the method comprising:

operating the internal combustion engine to generate AC electrical power from the generator;

applying the generated AC electrical power to the generator inverter in order to generate DC electrical power;

applying the DC electrical power to the DC-to-DC converter to generate a lower voltage DC electrical power;

inverting the lower voltage DC electrical power to a generate an AC power output for an external load, thereby operating the vehicle in a generator mode;

operating the vehicle in the generator mode only if a safety condition is satisfied; and

prohibiting movement of the vehicle when operating the vehicle in the generator mode.

- 4039. (presently amended) The method according to claim 3938, wherein said operating step comprises further comprising the step of inhibiting generator mode operation based on a gear selector position of the vehicle.
- 4140. (presently amended) The method according to claim 3938, wherein said operating step comprises further comprising the step of inhibiting generator mode operation based on a door open/shut condition of the vehicle.

- 4241. (presently amended) The method according to claim 3938, wherein said operating step comprises further comprising the step of inhibiting generator mode operation based on a parking brake condition of the vehicle.
- 4342. (presently amended) The method according to claim 3938, wherein the DC-to-DC converter is bidirectional and wherein the method further comprises the step of operating the vehicle in a charging mode.